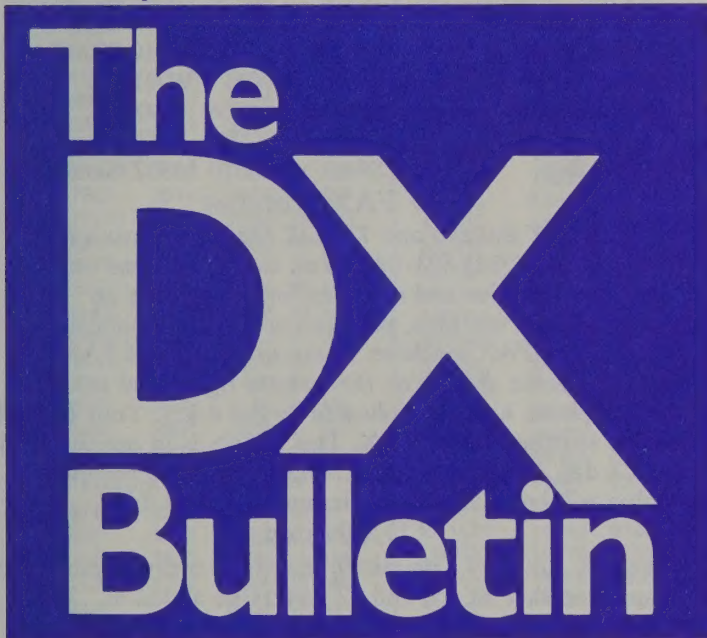


Laos - XW Jiro JA3UB and Minoru JA3MNP will operate from **XW8KPL** Feb. 11-15. They will operate RTTY 85 kHz up, and 160 meters on 1822 or 1824 kHz, working split. They promise to pay particular attention to working Europe and USA on RTTY and the low bands. Sunrise 2340Z, sunset 1104Z. (Zone 26 is a tough one for low-band, East-coast DXers.) QSL **this operation** only to JA3MNP, P.O.Box 59, Kyotonishi 616, Japan. (The DXCC desk has not yet received adequate documentation to accredit XW8KPL; do **not** submit cards yet.)

Oblasts More details on Oleg Mir ES1RA's five-oblast trip (see Issue 521): He'll operate from each Oblast 3-7 days, logging by computer. Look for **ES1RA/UM3N**, **/UM2Q**, **/UM1M**, **/UI4O**, and **/UI5F**, not necessarily in that order. QSL to P.O.Box 806, Tallinn, 200017, Estonia. Sunrise 0230Z, sunset 1230Z.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Reserve Your Island

- Three members of the Pacific Association of Overpower Needers DX Club of Japan will operate from Haha-jima in the Ogasawara group March 22-April 1, including the WPX SSB test as **JK1ZNB/JD1**, as a multi-single entry. Operators will be JS1GHA, JS1PJO, and JI1VGY. QSL via Sumito Hirota JS1GHA, P.O.Box 24, Nakahara, Kanagawa 211, Japan.
- Five South Florida DXers will operate from Saba Island **P46** Mar. 1-7, including the ARRL SSB test in the multi-single category. They'll be on CW and the digital modes outside the test. Operators are WS4E, N2AWM, W4OVU, AA4OV, and WD4JNS. QSL WD4JNS.
- Frank K9HMB/ZF2BB, John K9DX/ZF2KE, and Ray K9RS/ZF2HM will operate as **ZF2KE** multi-single in the ARRL CW test. They'll be on Grand Cayman Feb. 13-21, and will be on 6 meters, too. QSL K9QVB.

Shortly Noted

- **DK7UY** wraps up his multi-nation Caribbean DXpedition soon, from either **/J8** St. Vincent or **J3/** Grenada. He's been very active on the WARC bands and on CW. QSL home call **via the DL bureau only**, please. (Thanks **LNDX**.)
- **8P9AC** is Hiroo JA2EZD on his extended Caribbean DXpedition. QSL all of his operations to JA2MNB, P.O.Box 6, Nishiharu, Aichi 481, Japan, or via the JARL bureau.
- **KA3DBN/VP2E** is active until Jan. 29. QSL home call.
- **TT8GA** has been active free-style on 28470 kHz around 1230Z, as well as in the French net on 14256 kHz at 2230Z. He's also been worked on RTTY.
- **Vietnam:** The **XV2A** operators made 17,594 QSOs in 10 days in December, including 1155 on 6 meters. They left the rigs, amplifiers, and antennas at the PTT in Ho Chi Minh City, and Romeo Stapanenko UB5JRR has been using them as **3W3RR** and **3W8AA**. QSL these calls to Romeo at Box 653, Central PPT, Ho Chi Minh, Vietnam. QSL **XV2A** via JA3UB or JH3DPB.
- **FJ/NØIMH** (Issue 521) should be confirmed via NØIMH's 1990 *Callbook* address.
- **SSB Net Check-ins:** 7159 kHz: 5V7DP 6W3YDX; 14160: EL2DK EL2WK 5N8LRC; 14222: JX9CAA ZM7VS WZ6C/ST4; 14227: VS6AT VQ9PN 9M8FH VS6ET VQ9DX; 14256: 6W1AAD 3B8CF 5H3RF; 21335: ZS9A 5V7DP XT2PS XT2BX ZD9BV 9J2BO A92QL VQ9DX VU2HY EL7X AH6HQ/TJ WZ6C/ST4.
- **RTTY:** Some active stations: **TZ6VV** 14092 0620Z or 28091 1225Z; **6W6JX** 14088 0630Z or 28083 1250Z; **TT8GA** 14083 0640Z or 28083 1500Z; **D44BC** 21084 0930Z; **TU2UI** 14084 1820Z or 21088 1645Z; **J28TY** 14085 1900Z or 28082 1600Z; **VU2NR** 14090 0120Z; **3D2EA** 14086 0820Z; **ZS8MI** 21082 1830Z; **BY4SZ** 14091 0900Z; **PYØFF** 21083 1030Z; **8Q7DC** 14092 1320Z; **ES7FU** 21086 1400Z; **TL8TM** 21089 1430Z; **7P8DX** 21086 2100Z; **PZ1BS** 14087 2320Z; **VK9NS** 14087 0530Z; **FK8BG** 14074 ARQ 0600Z; **TJ1MW** 14091 1815Z or 21090 0820Z; **9Q5DX** 14098 1815Z; **YN4JR** 14090 2310Z; **EA8RA** 14088 0445Z; **EA9JV** 14084 2150Z; **JX9CAA** 14086 2300Z; **BY1QH** 14088 0840Z; **UA1OT** 14090 2015Z; and **9M2AX** 14086 2350Z.
- **Islands On The Air:** Bob FO5BI will be operating from Marutea Sud for 3-4 weeks beginning mid-February. This is in the Acteon group, which will be a New One for IOTA. Barry **AL7LJ** is on Attu Island (NA-64) until July. Try 14260 kHz at 0700Z. QSL via KL7AF. **NL7BE** will be active again from Barter Island (NA-50) in early February. **LA9BEA** is in the Solund group (EU-55); try 28466 kHz at 1300Z. **KL7FBI** is on Semichi Island (NA-37); try 14260 kHz at 2100Z Saturday. **JS6GEG** is on Sakishima Island (AS-24); try 28530 kHz at 0840Z. **W2CQA/C6A** will be active from Great Inagua Island (NA-113) Feb. 12-15. **VE7FLA** in on Pender Island (NA-75); try 21237 kHz at 1700Z. **YJ1SHD** in mid-January was YJ8M on from Shepherd Island (OC-111). **ZZ5AS** on Sao Francisco Island (SA-27) has been logged on 14014 kHz at 0830Z and 28055 kHz at 1630Z. **ZZ5FO** is also on Sao Francisco; try 18006 kHz at 1750Z. (Thanks **DX News Sheet** and IOTA chasers for the above info.)

Propagation

Forecast and Historical Data

Day Forecast	27 Days Before	55 Days Before
January 1990	Date Flux A K	Date Flux A K
26 Low Normal	12/30 271 24/28 3	12/02 220 15/20 2
27 Below Normal	12/31 246 25/33 3	12/03 212 18/19 3
28 High Normal	01/01 216 15/17 3	12/04 216 21/25 1
29 High Normal	01/02 212 10/13 3	12/05 214 09/11 1
30 High Normal	01/03 198 11/13 3	12/06 212 04/05 1
31 Above Normal	01/04 194 08/09 2	12/07 227 09/07 3
February 1990		
01 High Normal	01/05 191 12/11 3	12/08 209 04/06 1
02 Above Normal	01/06 187 04/07 1	12/09 201 04/04 2
03 Above Normal	01/07 183 05/06 1	12/10 183 01/04 0
04 High Normal	01/08 177 17/10 5	12/11 176 04/07 0
05 High Normal	01/09 165 13/12 2	12/12 167 06/08 2

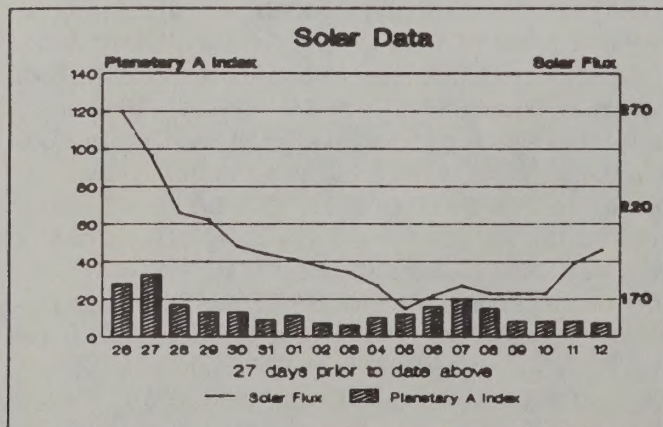
Propagation Watch

DXers enjoyed continued good propagation, even as the more active side of the sun rotated in our direction. Although the number of sunspots increased dramatically from its monthly minimum, the number of major flares has remained low. The increased number and complexity of sunspots increases solar flux, and boosts the maximum useable frequency. This produces better signal strengths on the higher bands, and longer openings.

The geomagnetic field has been relatively quiet, especially considering the increasing number of sunspots. This quiet geomagnetic field has given low-band DXers some excellent openings, including long-path openings. Local sunrise continues to be a productive time to pursue DX on 40, 80, and even 160 meters. Use a terminator program, table, or device to determine local sunrise at other parts of the world, and listen for low-band activity from there over the darkness path.

The polar path has also been very good, thanks to absence of major flares. However, this is the Stratwarm season, when atmospheric mixing in the polar regions reduces ion levels, lowers the maximum useable frequency, and increases absorption. Listen for the "Stratwarm advisory" or "Stratwarm exists" messages in the WWV/WWVH propagation bulletins.

The solar flux, and the chances of a major solar flare, are expected to drop over the next two weeks, with a minimum in early February. The increasing length of the day in the Northern hemisphere should compensate for the decreasing solar activity, and the bands should continue to be good to excellent over the next two weeks. Make the most of the good conditions; they won't last forever.



Regulars

■ Ascension Island	ZD8VJ	14027	2300Z
■ Bahrain	A92QL	7002	0400Z
■ Bahrain	A92QL	15M CW	1530Z
■ Canary Islands	EA8AB	7002	2300Z
■ Central African Republic	TL8PS	15M CW	2045Z
■ India	VU2IN	3501	1430Z
■ India	VU2TEC	14014	0200Z
■ Indonesia	YBØWR	3795	2200Z
■ Johnston Island	KNØE/KH3	14028	0400Z
■ Juan Fernandez	CEØOGZ	14016	0200Z
■ Kazakhstan	RL7GA	3511	1400Z
■ Latvia	LY2WR	3501	1445Z
■ Marshall Islands	V73AZ	1834	1445Z
■ Mauritius	3B8FQ	21008	2030Z
■ Mauritius	3B8CF	7008	0215Z
■ Mayotte	FH5EJ	7004	1515Z
■ Mongolia	JT2AB	14007	0130Z
■ Mongolia	JT1BR	14025	0130Z
■ Novaya Zemlya Is.	4K3ZC	14008	0100Z
■ Pakistan	AP2TN	14032	0230Z
■ Reunion Island	FR4FD	28003	1430Z
■ Saudi Arabia	HZ1AB	3509	0245Z
■ South Orkneys	LU1ZA	14009/21010	0000Z
■ Sri Lanka	4S7CF	20M CW	0100Z
■ St. Helena	ZD7KM	14026	2000Z
■ Tadzhikistan	UJ8JI	7009	1330Z
■ Walvis Bay	ZS9A	28610	1630Z Sunday

New FAX Number

The DX Bulletin and The DX Magazine have a new FAX number: (707) 523-1001. Yes, that's the same number as our regular voice and recorder line. If you use an automatic FAX machine, your call will be automatically routed to the FAX machine. If you use a manual FAX machine, hit the # key (on the bottom right-hand corner of your telephone keypad), followed by the 4 key. Your call will then be switched to the FAX. This system is in operation 24 hours a day. Please note this change. FAXes to the old number will be delayed a minimum of several days.

DX Notes

- The DX Advisory Committee has voted overwhelmingly to recommend that 30, 17, and 12 meters be added as endorsements to the 5-band DXCC award. DXAC Board Liaison John Kanode N4MM will present this recommendation to the full ARRL Board of Directors at their January meeting.
- The 1990 International DX Convention in Visalia, California April 6-8 has announced that the grand prize will be a Henry 3KD desk-top amplifier. Pre-registration before March 23 is \$40 from Don Bostron N6IC, 4447 Atol Ave., Sherman Oaks 91423.
- The XW8CW/DX cards should begin to go into the mail in late February. Priority will go to those DXers who need Laos to put them on the DXCC Honor Roll, so include proof of your DXCC country count if you fall into this category. QSL to Box 1384, Millbrook NY 12545.
- Air Jamaica is offering bargain fares for a minimum two-week stay. Contact your travel agent for details.
- Lloyd and Iris Colvin W6KG and W6QL broke their DXpedition QSO record from Burkino Faso as XT2KG, with nearly 14,000 contacts in 161 countries.

B . A . N . D . P . A . S . S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

RTTY				KG4DD	7057	0628	10	IL	ZC4CZ	14026	1557	12	MT	6W1AE	21262	2310	13	WV																						
HV3SJ 21082 1620 19 CA				KH2D	7006	1241	20	FL	ZD7KM	14029	2012	9	NH	A43XA *	21288	1343	19	MA																						
PJ2MI 21084 2000 17 CA				OD5/	7004	2225	16	FL	ZD8VJ	14026	2116	7	IL	PY0FF	21279	2129	14	FL																						
TJ1MW 21088 1740 17 CA				SM6DQO				20 Meter SSB				TA8KA				21230	1545	13	CA																					
TT8GA 28082 1545 15 CA				P29PL	7002	1247	13	MA	3B8CF				14244	0310	14	WV	TJ/ N3CRH		21355	2045	17	CA																		
160 Meters				TY0AS	7006	0008	20	FL	3DA0AH				14304	0400	2	GA	UI8ZAB				21274	1453	19	MA																
4X4NJ 1832 0232 13 MA				UA0FB	7002	1244	20	FL	5H3TW *				14174	1630	13	CA	UJ8XDA				21269	1449	10	ME																
EA8BTO 1831 0208 9 MA				UC7W	7016	2037	13	MA	9N1MM				14182	0111	11	MD	Z21BC *				21205	0510	9	CA																
KG4DD 1837 0407 13 WA				UG6GAW	7008	1400	11	IA	9V1XQ *				14185	1312	10	MD	Z28JD				21274	2258	13	MI																
PY1RO 1833 0240 12 WA				UJ8JI	7009	1335	14	OR	A22AA				14225	0552	15	MI	ZD7DP				21300	2220	13	MD																
UF6FJL 1832 0202 13 MA				UM0MO	7005	1205	13	FL	A41KJ				14182	1325	11	NC	ZD7VC				21318	2115	9	MI																
UG6GAW 1831 0255 13 MA				UT4UO	7061	0613	10	IL	A92QL				14210	0349	17	CA	12 Meters				FH5EJ				24893	1550	17	CA												
V73AZ 1834 1442 15 WA				V85/	7012	1442	11	CA	AP2ASA *				14206	1256	19	MA	J37AJ				24934	1957	14	MA																
80 Meters				JA9AG				AP5HQ				14184	0242	17	MA	TK5BF				24969	1646	15	MA																	
7P8DX 3501 2149 13 MA				V85AA	7004	1458	9	WA	CN8EC				14201	0038	15	MA	UA2WJ				24902	1357	10	AL																
CN8FC 3503 0121 8 FL				V85DA *	7002	2236	7	FL	DU6BG				14165	1320	6	WV	UF6AB				24896	1320	7	NH																
FH5EJ 3503 0315 12 MA				VK6LW *	7004	2155	14	FL	FR5ZD *				14193	1535	12	CA	10 Meter CW				9J2BO				28026	1452	13	FL												
HZ1AB 3508 0244 18 FL				VQ9DX	7003	1440	12	WA	JT1BR				14197	0313	14	WV	9Q5DX				28013	1948	6	CA																
LY2BKA 3501 2256 14 MA				VU2TEC	7005	1249	8	AL	JT1KAA				14205	0530	15	MI	A41JV				28012	1524	13	FL																
LY2WR 3501 1445 13 CA				YL1WW	7057	0633	10	IL	KC4AAC				14347	0410	7	GA	A92QL				28023	1280	9	GA																
LY2WW * 3501 1452 4 WA				YN3CC	7000	1159	20	FL	OX3LE				14226	0218	17	CA	EA6NB				28010	1554	13	FL																
PY0FF 3502 0155 10 CA				ZD8VJ	7003	0109	14	MT	RJ8XCX				14236	0315	13	OR	ES2JJ				28011	1345	20	FL																
RL7AB 3508 1508 9 WA				30 Meters				TL8HW				14233	2153	12	WV	FR4FD				28002	1425	14	FL																	
RL7GA 3511 1350 9 MT				9H8A	10103	2247	19	FL	TR8CA				14203	0455	13	WV	JY9SR				28029	1445	14	FL																
RV0YF * 3505 1156 9 MA				PZ1DV	10101	2231	10	FL	TZ9AS *				14226	1222	8	PA	OX3XR				28025	1343	14	MA																
TA2AI 3501 2244 14 MA				UD6DC	10105	0259	8	AL	UH8EA				14244	0400	19	OR	SU1AB				28003	1449	14	MD																
UG6GMG 3501 0010 13 NH				VK6XA *	10105	2300	19	FL	VQ9HB *				14209	1256	9	PA	T77C				28024	1324	14	FL																
UG6GWI 3500 2140 14 MA				20 Meter CW				VU2PAP				14169	1120	28	CA	TA3D				28011	1526	15	KY																	
UL7BD 3514 2314 14 MA				3W3RR	14007	1537	14	CA	XX9JN				14190	0110	10	GA	UI8IF				28020	1331	20	FL																
UL7FCG 3501 2233 12 NH				4K1DV	14025	0031	7	GA	XX9JN				14189	1202	10	MD	VU2SU				28005	1353	16	KY																
UW0AF 3504 0030 19 FL				4K3ZC	14009	0107	15	ID	Z28JD *				14181	1604	13	CA	XF1C				28015	0045	12	CA																
UW9YW 3505 1150 13 NH				4K3ZC	14007	1448	18	OR	ZC4MT				14216	1550	11	OR	YN3CC				28022	2034	16	CA																
V73AS 3503 1142 15 MA				4S7CF	14022	0108	15	FL	ZS8MI				14239	1509	14	MD	Z21GU				28005	1426	6	GA																
VK6HD 3502 2145 12 NH				4S7CF *	14010	1357	15	MI	17 Meter CW				EA6ZY				18072	1520	8	NH	ZD8VJ				28025	1238	11	GA												
VP2EXX 3507 0358 10 FL				4S7WP	14012	1210	8	NC	LY2BR				18075	1635	14	CA	10 Meter SSB				3B9FH				28488	1250	14	NJ												
VQ9DX 3503 1353 12 MT				5H3TW	14019	2015	13	FL	UT4UM				18078	1638	6	NH	3W3RR				28500	0058	18	CA																
VU2IN 3501 1430 14 MT				5U7NU	14027	2259	8	GA	15 Meter CW				JD1/				21017	0030	14	NJ	5H3TW				28495	1954	6	IL												
ZD8VJ 3503 2151 13 MA				5Z4BI	14011	2120	13	FL	3B8FQ				21008	2030	20	FL	A22AA				28447	1954	14	NY																
ZS6ANL 3504 0355 9 MT				7S8BBB	14005	0358	13	CA	4K2PGO				21002	1836	7	NH	A24KH				28491	1820	16	MA																
ZS8MI 7025 2340 14 MA				A43XA	14014	2319	17	FL	5Z4BI				21220	2035	8	MI	A41KB				28522	1521	19	MA																
75 Meters				A43XA *	14022	1152	19	MA	8P9AC				21030	2250	17	FL	A43XA				28549	1336	19	MA																
EA6FB 3795 0240 16 IA				A92QL	14001	0414	11	MA	9M6HF				21017	0021	14	MI	EL7X				28405	1207	9	ME																
EA9IE 3792 0655 9 ON				A92QL	14017	1753	8	NH	9Q5DX				21030	1827	20	FL	FH8OL				28478	1333	11	MD																
OD5VT 3800 2248 16 MA				AP2TN	14032	0234	11	WA	A92QL				21005	1522	15	KY	HV3SJ				28490	1718	7	OH																
TU2QQ 3795 0006 18 MA				BY1QH	14060	0137	15	FL	BY5RA				21025	0125	6	GA	J6LQC				28601	1839	15	CA																
TU2UI 3788 0038 17 MA				CE0OGZ	14019	0153	9	CA	EL7X				21010	2256	17	FL	JD1/				28382	2105	13	CA																
V21AJ 3799 0400 15 IA				EL7X	14015	2306	15	FL	FK8FS				21020	0435	9	CA	JH1MAO				JH1MAO				KG4DD				28480	2225	10	MD								
VS6VO 3798 1524 10 OR				ES5QA	14023	0326	15	MN	FK8GJ				21015	0315	3	GA	JD1AMA				21017	0042	9	MT	KG6SL				28560	2145	6	MI								
YB0WR 3795 2148 15 MA				FH5EJ	14023	0341	4	AL	JD1BFA				21012	0150	8	GA	JD1BFA				21012	0150	8	GA	LQ5DX				28509	2031	14	MA								
YI1BGD 3797 2157 13 MA				FR4FD	14009	0235	8	GA	KG4DD				21031	1912	14	FL	KG4DD				21031	1912	14	FL	PY0FF				28501	1205	14	NJ								
40 Meters				JT1BR	14024	0130	17	MI	LU1ZA				21010	0001	4	GA	LU1ZA				21010	0001	4	GA	TL8WD				28444	1255	13	NJ								
3B8CF 7009 0215 16 IA				JT1CS	14023	0259	5	AL	OY3QN				21027	1752	14	WA	OY3QN				21027	1752	14	WA	TU2QQ				28497	1553	15	MA								
4K4AFM 7004 1230 14 CA				JT2AB	14009	0134	16	FL	PZ1DY				21023	1901	14	FL	PZ1DY				21023	1901	14	FL	TU2UI				28481	1515	13	NJ								
4S7DA 7001 0020 19 FL				JY9MO *	14027	1559	10	OR	RH8AX				21022	1334	14	FL	RH8AX				21022	1334	14	FL	V63AO				28467	2245	8	MD								
4S7WP 7002 2117 14 MA				KH3/KN0E	14028	0420	15	MI	RV0YF				21009	0225	13	CA	RV0YF				21009	0225	13	CA	V85/				28381	0030	14	NJ								
4U1ITU 7047 0624 10 IL				LU1ZA	14009	2357	13	MI	ST2/				21012	2020	20	FL	ST2/				21012	2020	20	FL	JA8AG				V85GA				28485	0000	14	FL				
5H3TW * 7001 1500 11 WA				OY1CT	14004	2223	7	VA	G4WYG				SV9ADH				21019	1510	14	FL	SV9ADH				21019	1510	14	FL	VQ9LW				28596	1300	14	NJ				
7S8AAA 7005 0114 19 FL				OY7ML	14025	2115	11	KY	JD1AMA				21017	0042	9	MT	JD1AMA				21017	0042	9	MT	VU2NR				28588	1330	13	NJ								
8P9AC 7005 0148 18 FL				S83H	14029	0455	9	WA	JD1BFA				21012	0150	8	GA	JD1BFA				21012	0150	8	GA	WH4AAG				28350	0020	8	CA								
9M2AX 7002 1444 12 OR				T30AC	14023	0500	15	CA	KG4DD				21031	1912	14	FL	KG4DD				21031	1912	14	FL	YI0AD				28618	1511	11	MD								
9Q5TE 7015 0605 12 CA				TL8PS	14004	2328	17	FL	LU1ZA				21010	0001	4	GA	LU1ZA				21010	0001	4	GA	YN/				28505	1806	2	CA								
A92QL 7001 0345 16 IA				TU2DP	14031	2232	12	FL	OY3QN				21027	1752	14	WA	OY3QN				21027	1752	14	WA	SM0OIG				Z21BA				28570	1913	15	MA				
CE0OGZ 7006 0006 20 FL				TU2JT	14016	2324	12	FL	PZ1DY				21023	1901	14	FL	PZ1DY				21023	1901	14	FL	SM0OIG				ZB1R				28561	1250	13	NJ				
CN8FC 7002 0204 8 OR				UA1O/	14040	2110	11	NH	RH8AX				21022	1334	14	FL	RH8AX				21022	1334	14	FL	SM0OIG				ZD7VC				28467	1346	10	MD				
EA8AB 7001 2311 16 FL				UA0BCA					RV0YF				21009	0225	13	CA	RV0YF				21009	0225	13	CA	SM0OIG				ZD9BV				28466	1725	14	MN				
ES4XB 7005 1400 17 CA				UI9AWX	14027	0340	14	CA	ST2/				21012	2020	20	FL	ST2/				21012	2020	20	FL	SM0OIG				ZS9A				28608	1540	11	MD				
FH5EJ 7003 1516 14 CA				UJ8AH *	14026	1243	5	GA	G4WYG				SV9ADH				21019	1510	14	FL	SV9ADH				21019	1510	14	FL	SM0OIG											
FK8GJ 7003 1400 10 IA				UJ8KA	14015	0402	13	GA	JD1AMA				21017	0042	9	MT	JD1AMA				21017	0042	9	MT	SM0OIG															
FK8KAA *				UL7RER	14009	0400	13	GA	JD1BFA				21012	0150	8	GA	JD1BFA				21012	0150	8	GA	SM0OIG															
IT9FTN				UR2RED	14013	0057	15	ID	KG4DD				21031	1912	14	FL	KG4DD				21031	1912	14	FL	SM0OIG															
J80A				VU2KFR	14012	0208	11	MI	LU1ZA				21010	0001	4	GA	LU1ZA				21010	0001	4	GA	SM0OIG															
				VU2TEC	14013	0205	12	GA	OY3QN				21027	1752	14	WA	OY3QN				21027	1752	14	WA	SM0OIG															
				VU2TTC *	14035	1246	13	FL	PZ1DY				21023	1901	14	FL	PZ1DY				21023	1901	14	FL	SM0OIG															

01/06

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Calendar

Issue 522 - January 26, 1990

(Changes and hot info in boldface.)

Algeria - 7X	7X3DA 21022 1820Z	1520	Pitcairn - VR6	Bicentennial VR200PI/	1519
Antarctica - 7S	7S8AAA 7002 0100Z	1521	Reunion - FR	FR4FD 14008/02Z 28003/1430ZI	1522
Armenia - UG	UG6GAW 20M SSB 0515Z	1520	St. Barthélemy - FJ	FJ/N0IMH Mar. 15-31	1521
Ascension Is. - ZD8	ZD8JV 3503/22Z 7003/01Z	1521	St. Helena - ZD	ZD7KM 14026 2000Z	1522
	14027/23Z 21024/19-23Z 28025/13Z			ZD7VJ Jan. 25-26	1520
Bahamas - C6	C6A/N4FD CQWW 160M CW	1521	St. Vincent - J8	VE3CPU/J88 Dec. 30-Jan. 30	1516
Bahrain - A9	A92QL 21017/15Z 7002/04Z	1522	San Marino - T7	T77C 7006 0630Z	1521
Botswana - A2	A22AA 28470 1900Z	1521	Saudi Arabia - HZ	HZ1AB 3509/0245Z 3793/1430Z	1522
Canary Islands EA8	EA8AB 7002 2300Z	1522	Senegal - 6W	6W6JX 3503 2300Z	1521
Cayman Is. - ZF	ZF2NJ to Jan. 26	1521	Singapore - 9V	9V1YC 21023 2300Z	1519
	ZF2KE ARRL CW M/S	1522	South Orkneys - VP8	LU1ZA 14005/2330Z 21016/23ZI	1522
Central African Rep.	TL8PS 15M CW 2045Z	1522	Sri Lanka - 4S	4S7CF 20M CW 0100Z	1522
Chad - TT	TT8GA 28470 1230Z	1522	Sudan - ST	WZ6C/ST4 20M SSB 2230Z	1520
Chatham Is. - ZL7	ZM7VS Jan. 16-30, 1990	1505	Tadzhikistan - UJ	UJ8JI 7009 1330Z	1522
Grenada - J3	Jan 22-30, CQWW 160M	1520	Taiwan - BV	BV2DA 14026/13Z 28010/00Z	1519
	Feb. 15-Mar. 7 K4LTA	1520	Trindade - PY0T	in February?	1520
Guam - KH2	KH2D 7006/1230Z 3506/12Z	1520	Turkey - TA	TA3F 28585/14Z TA3D 7004/22Z	1520
India - VU	VU2IN 3501/1430Z	1522	Vanuatu - YJ	by DLs Feb. 4-Mar. 4	1519
Indonesia - YB	YB0WR 3795 2200Z	1522		YJ8NMB 28360 07-1100Z	1519
Iraq - YI	YI1BGD 28580 1300Z	1521	Vietnam - 3W	3W3RR active now	1522
Ivory Coast - TU	TU2JL 14170 0440Z	1520	Walvis Bay - ZS9	ZS9A 28610 1615Z M, Th, S	1522
Johnston Is. - KH3	KN0E/KH3 3507/03Z 14028/04ZI	1522	West Malaysia - 9M	9M2AX 3502/1200Z and 2230Z	1519
Juan Fernandez - CE0	CE0OGZ 14016/0200 21017/0030	1522	Western Samoa - 5W	5W1KT 28510 0100Z	1520
Kazakhstan - UL	RL7GA 3511 1400Z	1522	Willis Is. - VK9	VK9TR 14226 1100Z Friday	1519
	UL7RER 14022/0330Z	1520	Zaire - 9Q	9Q5DX 20M CW 0600Z	1520
Laos - XW	XW8KPL Feb. 11-15	1522	Zone 23	RV0YF 14008 0200Z	1519
Latvia - LY	LY2WR 3501 1445Z	1522			
Lesotho - 7P	7P8EG 3795 0330Z	1519			
Liberia - EL	EL7X 14010/2330Z 21015/22Z	1519			
Maldives - 8Q	8Q7AH Feb. 2-16	1519			
Marianas - KH0	AH0F Jan. 26-29, CQ 160M	1516			
Marshall Is. - V7	V73AZ 1834/1445Z 7007/12Z	1522			
Mauritius - 3B	3B8CF 7008/2030Z 14030/0330Z	1522			
	3B8FQ 21008 2030Z	1522			
Mayotte - FH	FH5EJ 28030/16Z 7004/1515Z	1522			
Micronesia - V6	V63AO 28490 2300Z	1521			
Mongolia - JT	JT1BR 14007 0130Z	1522			
	JT2AB 14007 0130Z	1522			
Netherlands Antilles	PJ2J ARRL CW test	1520			
	P46 Saba Is. ARRL SSB	1522			
New Caledonia - FK	FK8GJ 7005 1230Z	1520			
Nicaragua - YN	YN3CC 7002 0800Z	1521			
Ogasawara - JD	JK1ZNB/JD1 WPX SSB	1522			
Oman - A4	A41KV 14020 1900Z	1520			
Pakistan - AP	AP2TN 14032 0230Z	1522			

DX Activities and Contests

Date	Event or Activity	Info
Jan. 26-28	CQWW 160-Meter Contest	CQ
Feb. 17-18	ARRL CW DX Test	QST

Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, AA4NC, DXNS, JA2EZD, JA3MNP, JH3DPB, JS1GHA, K0PP, K1NIT, K2AJY, K2OLG, K3ZPG, K4BAI, K4II, K4IQJ, K4LNA, K4MF, K5UR, K6IR, K6KUT, K6RQ, K6TMP, K9RS, KA1XN, KA3DBN, KA7T, KC8FS, KD7SO, KE7X, KG4O, KI6YB, KM4KJ, KN7K, KQ3S, KT2D, LNDX, N1HN, N4RJZ, N6AV, N0IMH, NK6A, NM8R, NX7K, OK1-30633, VE1ACK, VE3NN, VE7COP, W1BFT, W1FV, W1NH, W4VQ, W6AUG, W6JOX, W6KG, W6UQF, W7AWA, W8CT, W8MEP, WA0RJY, WA1NPZ, WA2MZX, WB5MTV, WB8LVA, WB8SFF, WB8ZRL, WC6I, WD4JNS, WD9GGY, WDX9JUG, WJ7R, WX7K, and NCDXC. Thanks for all your help! -ed.